

OSOBNE INFORMACIJE

Milka Maksimović



 Zmaja od Bosne 33-35, 71000 Sarajevo, Bosna i Hercegovina

 +387(0)33 279 899

 mmaksimo@pmf.unsa.ba; mmaksimo@yahoo.co.uk

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Spol Ž | Datum i mjesto rođenja 25.09.1952., Sarajevo | Državljanstvo BiH

RADNO ISKUSTVO

- 2017 - danas **Profesor emeritus**
Univerzitet u Sarajevu, Sarajevo, BiH
- 2009 - 2017 **Redovni profesor (oblasti: Organska hemija i Biohemija)**
Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH
- 2003 - 2009 **Vanredni profesor (oblasti: Organska hemija i Biohemija)**
Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH
- 1996 - 1998 **Docent (oblast: Organska hemija)**
Univerzitet u Sarajevu, Farmaceutski fakultet, Sarajevo, BiH
- 1993 - 2003 **Docent (oblasti: Organska hemija i biohemija, Hemija za nematične studije)**
Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH
- 1985 - 1993 **Viši asistent (oblasti: Organska hemija i Biohemija)**
Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH
- 1977 - 1985 **Asistent (oblasti: Organska hemija i Biohemija)**
Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH

 OBRAZOVANJE I
OSPOSOBLJAVANJE

- 1997 **OAD studijski boravak**
Institut za organsku hemiju Univerziteta u Beču, Beč, Austrija
- 1996 **SOROS studijski boravak**
New College - Univerzitet u Oksfordu, Oksford, Ujedinjeno Kraljevstvo
- 1991 **Doktor hemijskih nauka**
Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH
- 1985 **Magistar hemijskih nauka**
Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH
- 1983 **Trening kurs u anti-doping kontroli**
Drug Control and Teaching Centre - Chelsea College, London, Ujedinjeno Kraljevstvo
- 1976 **Diplomirani inženjer hemije**
Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH

LIČNE VJEŠTINE

Materinski jezik Bosanski – hrvatski – srpski jezik

Ostali jezici

	RAZUMJEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Govorna interakcija	Govorna produkcija	
Engleski	C1	C1	C1	C1	C1
Njemački	A2	A2	A2	A2	A2

Komunikacijske vještine

Višegodišnje iskustvo u dodiplomskoj i postdiplomskoj nastavi; sklonost za timski rad; sposobnost prilagođavanja multikulturalnim sredinama stečena tokom studijskih posjeta u inostranstvu; dobre komunikacijske vještine stečene tokom radnog iskustva; rukovođenje; smisao za organizaciju.

Organizacione vještine
(2012-2016)

Šef Odsjeka za hemiju, Prirodno-matematički fakultet, Univerzitet u Sarajevu, BiH

Digitalna kompetencija

SAMOPROCJENA				
Obrada informacija	Komunikacija	Stvaranje sadržaja	Sigurnost	Rješavanje problema
Iskusni korisnik	Iskusni korisnik	Iskusni korisnik	Samostalni korisnik	Samostalni korisnik

DODATNE INFORMACIJE

Uredništvo

- *Research and Reports in Biodiversity Studies*, Dove Medical Press (2010 - danas)
- *Glasnik hemičara i tehologa Bosne i Hercegovine* (2010 - danas)

Recenzent u međunarodnim časopisima

- *Academia Journal of Food Research*: Academia Publishing
- *Analytical Letters*, Publisher: Taylor & Francis Group
- *Archives of Industrial Hygiene and Toxicology*, Publisher: Institute for Medical Research and Occupational Health, Croatia
- *Biochemical Systematics and Ecology*, Publisher: Elsevier.
- *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Publisher: PMF Sarajevo
- *Food and Chemical Toxicology*, Publisher: Elsevier.
- *Food Chemistry*, Publisher: Elsevier.
- *Industrial Crops and Products*, Publisher: Elsevier.
- *Journal of Agricultural & Food Chemistry*, Publisher: American Chemical Society.
- *Journal of Applied Pharmaceutical Science*, Publisher: SAGEYA Publishing
- *Journal of Food Biochemistry*, Publisher: Wiley-Blackwell.
- *Journal of Medicinal Plants Research*, Publisher: Academic Journals.
- *Journal of the American Oil Chemists' Society*, Publisher: Springer Berlin.
- *Journal of the Science of Food and Agriculture*, Publisher: Wiley.
- *Journal of the Serbian Chemical Society*, Publisher: Serbian Chemical Society.
- *Molecules*, Publisher: Molecular Diversity Preservation Int, Basel.
- *Natural Product Communications*, Publisher: Natural Products Inc, Westerville.
- *Natural Product Research*, Publisher: Taylor & Francis Group
- *Pakistan Journal of Pharmaceutical Sciences*, Publisher: Faculty of Pharmacy, University of Karachi
- *Pharmaceutical Biology*, Publisher: Informa Pharmaceutical Science.
- *Toxicological & Environmental Chemistry*: Publisher: Taylor & Francis Group

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2. Tomic, N., Pojskic, L., Kalajdzic, A., Ramic, J., Kadric, N., Ikanovic, T., **Maksimovic, M.**, & Pojskic, N. (2020). Screening of preferential binding affinity of selected natural compounds to SARS-CoV-2 proteins using *in silico* methods. *Eurasian Journal of Medicine and Oncology, EJMO* 2020; 4(4), 319-323. <https://doi.org/10.14744/ejmo.2020.72548>
3. Čopra-Janićević, A., Vidic, D., & **Maksimović, M.** (2020). Characterization of *Satureja montana* L. essential oil and headspace volatiles. *NVEO, Natural Volatiles & Essential Oils*, 7(2), 22-34. <https://doi.org/10.37929/nveo.743706>
4. Zeljković Čavar, S., Siljak-Yakovlev, S., Tan, K., & **Maksimović, M.** (2020). Chemical composition and antioxidant activity of *Geranium macrorrhizum* in relation to ploidy level and environmental conditions. *Plant Systematics and Evolution*, 306(2), 18. <https://doi.org/10.1007/s00606-020-01649-9>
5. Vidic, D., Čopra-Janićević, A., Miloš, M., & **Maksimović, M.** (2018). Effects of Different Methods of Isolation on Volatile Composition of *Artemisia annua* L., *International Journal of Analytical Chemistry*, Volume 2018, Article ID 9604183, 6 pages. <https://doi.org/10.1155/2018/9604183>
6. Čulum, D., Čopra-Janićević, A., Vidic, D., Klepo, L., Tahirović, A., Bašić, N., & **Maksimović, M.** (2018). HPLC-ED Analysis of Phenolic Compounds in Three Bosnian *Crataegus* Species. *Foods*, 7(5), 66. <https://doi.org/10.3390/foods7050066>
7. Dizdar, M., Vidic, D., Požgan, F., Štefane, B., & **Maksimović, M.** (2018). Acetylcholinesterase Inhibition and Antioxidant Activity of *N-trans*-Caffeoyldopamine and *N-trans*-Feruloyldopamine. *Scientia Pharmaceutica*, 86(2), 11. <https://doi.org/10.3390/scipharm86020011>
8. Čavar Zeljković, S., Tan, K., Siljak-Yakovlev, S., & **Maksimović, M.** (2017). Essential Oil Profile, Phenolic Content and Antioxidant Activity of *Geranium kikianum*, *Natural Product Communications*, 12(2), 273-276. <https://doi.org/10.1177/1934578X1701200234>
9. Ivankovic, S., Stojkovic, R., **Maksimovic, M.**, Galic, B., & Milos, M. (2016). Impact of calcium ion on cytotoxic effect of the boroxine derivative, $K_2[B_3O_3F_4OH]$, *Journal of Enzyme Inhibition and Medicinal Chemistry*, 31(S3), 70-74. <https://doi.org/10.1080/14756366.2016.1204611>
10. Vidic, D., Čavar Zeljković, S., Dizdar, M., & **Maksimović, M.** (2016). Essential oil composition and antioxidant activity of four Asteraceae species from Bosnia. *Journal of Essential Oil Research*, 28(5) 445-457. <https://doi.org/10.1080/10412905.2016.1150216>
11. Čavar Zeljković, S., Topčagić, A., Požgan, F., Štefane, B., Tarkowski, P., & **Maksimović, M.** (2015). Antioxidant activity of natural and modified phenolic extracts from *Satureja montana* L. *Industrial Crops and Products*, 76, 1094-1099. <https://doi.org/10.1016/j.indcrop.2015.08.009>
12. Čavar Zeljković, S., Šolić, M. E., & **Maksimović, M.** (2015). Volatiles of *Helichrysum italicum* (Roth) G. Don from Croatia. *Natural Product Research*, 29(19) 1874-1877. <https://doi.org/10.1080/14786419.2015.1009458>
13. Čavar Zeljković, S., & **Maksimović, M.** (2015). Chemical composition and bioactivity of essential oil from *Thymus* species in Balkan Peninsula, *Phytochemistry Reviews*, 14(3) 335-352. <https://doi.org/10.1007/s11101-014-9378-9>
14. Dahija, S., Čakar, J., Vidic, D., **Maksimović, M.**, & Parić, A. (2014). Total phenolic and flavonoid contents, antioxidant and antimicrobial activities of *Alnus glutinosa* (L.) Gaertn., *Alnus incana* (L.) Moench and *Alnus viridis* (Chaix) DC. extracts. *Natural Product Research*, 28(24), 2317-2320. <https://doi.org/10.1080/14786419.2014.931390>
15. Čakar, J., Haverić, A., Haverić, S., **Maksimović, M.**, & Parić, A. (2014). Cytotoxic and genotoxic activity of some *Helleborus* species, *Natural Product Research*, 28(12), 883-887. <https://doi.org/10.1080/14786419.2014.889135>
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18. Čavar, S., Šolić, M. E., & **Maksimović, M.** (2013). Chemical composition and antioxidant activity of two *Satureja* species from Mt. Biokovo. *Botanica Serbica*, 37(2): 159-165. https://botanicaserbica.bio.bg.ac.rs/2014_38_1.html
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20. Čavar, S., **Maksimovic, M.**, Vidic, D., & Parić, A. (2012). Chemical Composition and Antioxidant and Antimicrobial Activity of Essential Oil of *Artemisia annua* L. from Bosnia, *Industrial Crops and Products*, 37, 479-485. <https://doi.org/10.1016/j.indcrop.2011.07.024>
21. Čakar, J., Parić, A., **Maksimović, M.**, & Bajrović, K. (2012). Antioxidative and antitumor properties of *in vitro* cultivated broccoli (*Brassica oleracea* var. *italica*), *Pharmaceutical Biology*, 50(2), 175-181. <https://doi.org/10.3109/13880209.2011.586040>
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28. Vidic, D., Čavar, S., Šolić, M. E., & **Maksimović, M.** (2010). Volatile Constituents of Two Rare Subspecies of *Thymus praecox*, *Natural Product Communications*, 5, 1123-1126. <https://doi.org/10.1177/1934578X1000500730>
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33. Čavar, S., Maksimović, M., & Vidic, D. (2009). The Essential Oil of *Thymus aureopunctatus* (Beck) K. Malý, *Natural Product Communications*, 4, 415-420. <https://doi.org/10.1177/1934578X0900400320>
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35. Čavar, S., Vidic, D., & Maksimović, M. (2009). GC-MS Analiza volatilnih konstituenata *Thymus moesiacus* Velen. *Glasnik hemičara, tehnologa i ekologa Republike Srpske*, 2, 27-29. <https://glasnik.tf.unibl.org/bs/gc-ms-analiza-volatilnih-konstituenata-thymus-moesiacus-velen/>
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37. Čavar, S., Vidic, D., Topčagić, A., Šolić, M. E., & Maksimović, M. (2009). Kemijski sastav i antioksidacijska aktivnost eteričnog ulja biljne vrste *Salvia sclarea* L., *Radovi Hrvatskog Društva za znanost i umjetnost*, XI, 167-175.
38. Čavar, S., Vidic, D., & Maksimović, M. (2008). Fitokemijska karakterizacija biljne vrste *Artemisia annua* L., *Radovi Hrvatskog Društva za znanost i umjetnost*, X, 157-162.
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Naučni radovi - Proceedings – na međunarodnim konferencijama

49. Haverić, S., Haverić, A., Maksimović, M., Galić, B., Bajrović, K. (2013). Induction of sister chromatid exchanges in human lymphocyte cultures treated with dipotassium tetrafluoroborate, 1st Symposium of Geneticists in Bosnia and Herzegovina, February 17-19, 2011, Sarajevo, 80-84.
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52. Čavar, S., Vidic, D., Maksimović, M. (2008) GC-MS Analiza volatilnih konstituenata *Thymus moesiacus* Velen. VIII Savjetovanje hemičara i tehnologa RS, Zbornik radova, 269-273. ISBN: 978-99938-54-27-2

Naučni rad u knjizi sa međunarodnom recenzijom

53. Maksimović, M. (2005). Are There Opportunities for Cooperative University-Industry Projects in Our Traditional Research? in KNOWLEDGE AND WEALTH CREATION, Sourcebook on Inovative Capacity Building at Universities, Selected Examples in Europe, UNESCO-ICCS, Ljubljana, Slovenia, p. 151-165. ISBN: 86-81449-15-X

Sažeci naučnih radova u časopisima obuhvaćenim sa Web of Science-SCI Expanded-

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57. Čavar, S., Vidic, D., **Maksimović, M.** (2009) Essential Oil Profile of *Thymus jankae* Celak. from Bosnia, 57th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Geneva, Switzerland, August 16–20, 2009, *Planta Medica*, 75(09), PB10. <https://doi.org/10.1055/s-0029-1234422>
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